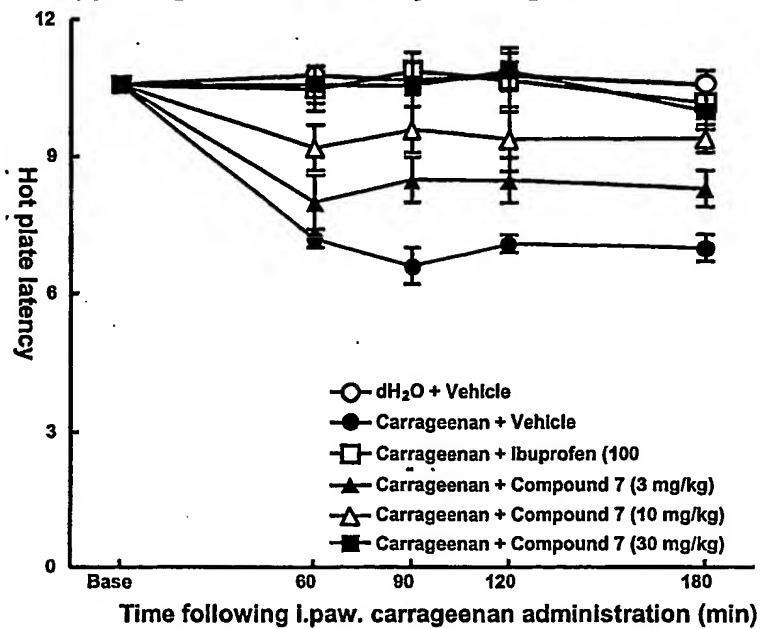


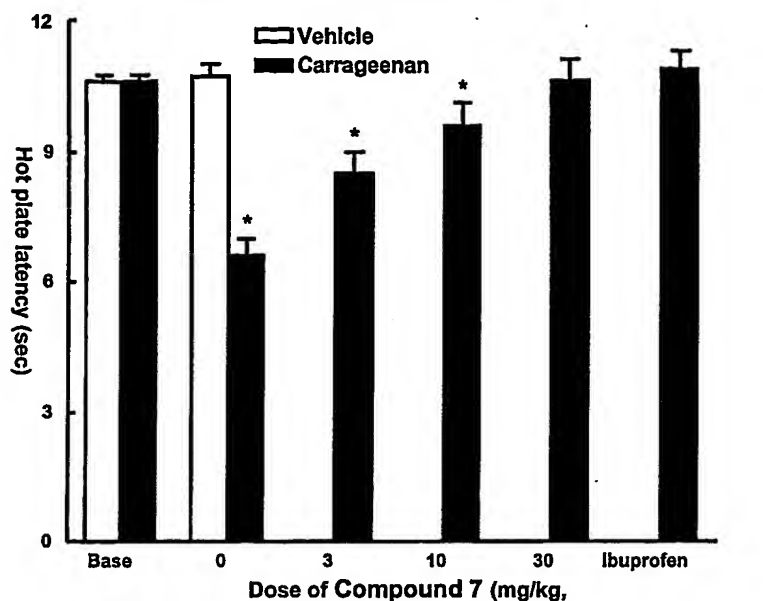
Compound 7 Dose-dependently Prevents Thermal Hyperalgesia Induced by Carrageenan in M-SD



Base = Naïve response latency
Compounds were administered 15 min prior to dH₂O or 2% carrageenan (100 µL, i.paw.)
Response thresholds to a noxious thermal stimulus was measured using the 52°C Hot plate test.
Vehicle = 100% DMSO. All n=6.

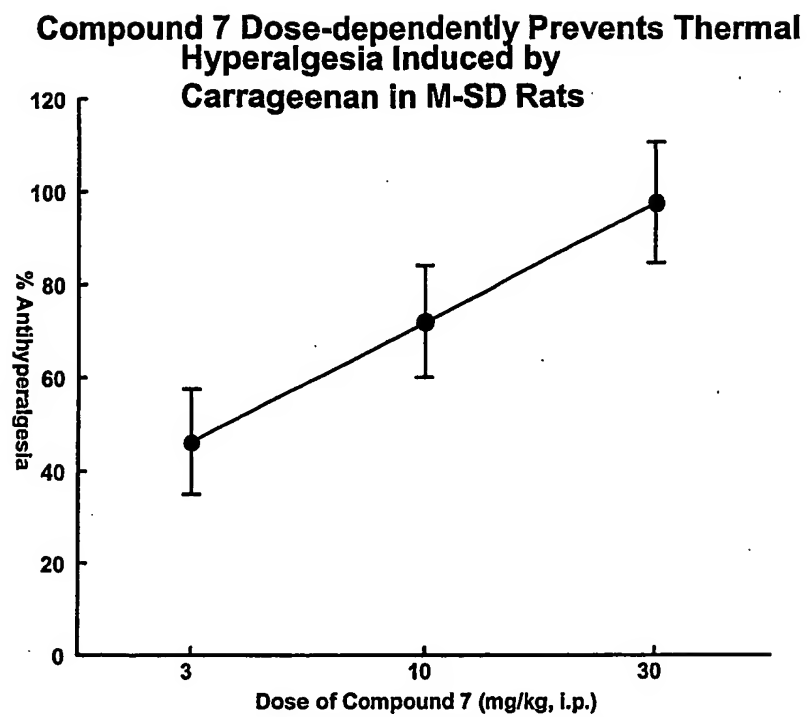
Figure 1

**Compound 7 Dose-dependently Prevents Thermal Hyperalgesia
Induced by Carrageenan in M-SD Rats**



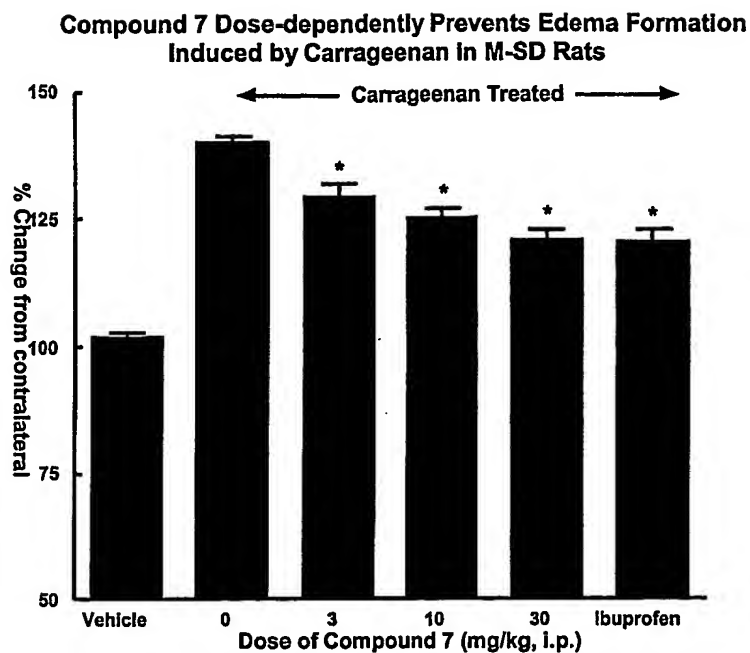
Base = Naive response latency
Compounds were administered 15 min prior to dH₂O or 2% carrageenan (100 μ L, i.p.w.)
Response thresholds to a noxious thermal stimulus was measured using the 52 °C Hot plate test.
Data represent values obtained at time of peak drug effect which was observed at 90 min.
Vehicle for Compound 7 = 100% DMSO. Vehicle for Ibuprofen = dH₂O. All n=6.
* denotes p < 0.05 from Baseline.

Figure 2



Dose-response curve was constructed using the data obtained at the time of peak effect which was observed 90 min following carrageenan administration.

Figure 3



Paw width measurements were taken 180 min following administration. All compounds were given 15 min prior to carrageenan. Dose of Ibuprofen was 100 mg/kg. Vehicle for Compound 7 = 100%
Vehicle for Ibuprofen = H_2O
*denotes $p < 0.05$ from vehicle + All n=6.

Figure 4